Rymer, Edwina

From: Bates, William

Sent: Thursday, January 08, 2015 1:34 PM

To: Dellinger, Philip;Dorsey, Nancy;Johnson, Ken-E;Kobelski, Bruce;Lawrence, Rob

Subject: FW: Save the Date -- Induced Seismicity Workgroup..

Attachments: UIC Registration form.docx

It looks like Industry is very interested in what the report will say, or at least Kris is very interested.

William J. L. Bates

Geologist U.S. EPA

Office of Ground Water & Drinking Water: Prevention Branch

202-564-6165

From: Nygaard, Kris J [mailto:kris.j.nygaard@exxonmobil.com]

Sent: Thursday, January 08, 2015 2:21 PM

To: Bates, William

Subject: FW: Save the Date -- Induced Sesismicty Workgroup..

Hi William – I saw in Ben's note below that EPA plans to present the results of the induced seismicity study at the upcoming GWPC meeting; so it spurred a question for me on whether the draft report "Minimizing and Managing Potential Impacts of Injection-Induced Seismicity from Class II Disposal Wells: Practical Approaches" has now been finalized, and if so, whether you may be able to share any outlook on timing when the report will become publicly available. I will be Austin for the GWPC meeting so look forward to seeing you there as well, have a great day.

Regards, Kris

Kris J. Nygaard
Senior Stimulation Consultant
kris.j.nygaard@exxonmobil.com
832-624-6955 (office)
713-582-6687 (cellular)
ExxonMobil Upstream Research Company
\$2.3A.478
22777 Springwoods Village Parkway
Spring, TX 77389

From: Ben Grunewald [mailto:ben@gwpc.org]
Sent: Thursday, January 08, 2015 10:20 AM

To: tcladouhos@altarockenergy.com; DonaldPA@USC.edu; beroza@stanford.edu; zoback@stanford.edu; stump@smu.edu; cliff@ig.utexas.edu; Jon.freedman@ge.com; brian.rovelli@ge.com; Edward.steele1@ge.com; wrish@hullinc.com; bromhal@netl.doe.gov; bates.william@epa.gov; Dellinger.Philip@epa.gov; Dorsey.Nancy@epa.gov; platt.steve@epa.gov; jrubinstein@usgs.gov; sanderson@edf.org; Rod.Gertson@dvn.com; jeff.bull@chk.com; brian.woodard2@chk.com; Nygaard, Kris J; Tyrrell, Timothy; LauraSwafford@chevron.com; shawn.maxwell@itasca-image.com; Hal.Macartney@pxd.com; dhenry@hilcorp.com; ccabarcas@hilcorp.com; tnein@hilcorp.com; Brad.Bacon@pdce.com; Imcdonald@sandridgeenergy.com; rob.habiger@spectraseis.com; norm.warpinski@pinntech.com

Cc: Gerry Baker; rex@kgs.ku.edu; Rick.Simmers@dnr.state.oh.us; Mike Paque; Craig.Pearson@rrc.state.tx.us;

<u>t.baker@occemail.com</u>; <u>hmcdivitt@dnr.IN.gov</u>; Brenda Short **Subject:** Save the Date -- Induced Sesismicty Workgroup..

Good morning Technical Advisors for the Induced Seismicity Work Group Member –

Our next face-to-face workgroup meeting will take place on Monday afternoon, February 9th from 12:30-3:00 in Austin TX in conjunction with the GWPC UIC Conference. The open Induced Seismicity session will be the morning of the 10th. See preliminary agenda. http://www.gwpc.org/sites/default/files/events/Preliminay%20Agenda_0.pdf

Technical Advisory members will receive a the special one-day rate to attend the entire meeting and if you are only able to join us for the Monday working session, there will be no charge. Please complete and return the attached form.

During the closed session we will be working to develop the elements of an Induced Seismicity Primer/Best Practices document as a product of the Induced Seismicity workgroup.

Additionally at this event, EPA will present the finding of their induced seismicity study and would like to work with us to further develop common areas for moving forward together with useful information and tools associated with the issues.

Please let me know that you received this notice and if you will be able to attend this important working session and event.

THANKS! Ben Grunewald GWPC 405 516 4972